



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

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Lieutenant Governor

January 20, 2006

CERTIFIED RETURN RECEIPT
7002 0510 0003 8603 2496

Mr. Lon Thomas
Star Stone Quarries, Inc.
4040 South 300 West
Salt Lake City, UT. 84107

Subject: Fourth Review of Notice of Intention to Commence Large Mining Operations, Star Stone, Torrey Quarry, M/055/016, Wayne County, Utah

Dear Mr. Thomas:

The Division has completed a review of your response to the Division's third technical review sent to you on March 30, 2005 for the Torrey Quarry, located in Wayne County, Utah. Your response was received November 30, 2005. After reviewing the information, the Division has the following comments which need to be addressed before tentative approval may be granted.

The comments are listed below under the applicable Minerals Rule heading. Please format your response in a similar fashion and address only those items requested in the attached technical review. Send replacement pages of the original notice **using redline and strikeout text** and indicate how these are to be incorporated into the current approved plan using the attached Form-MR-REV-att. After the notice is determined technically complete and we are prepared to issue final approval, we will ask that you send us two clean copies of the complete and corrected plan. Upon final approval of the permit, we will return one copy stamped "approved" for your records. Please provide a response to this review by February 21, 2006.

The Division will suspend further review of the Torrey mine plan until your response to this letter is received. If you have any questions in this regard please contact me, Tom Munson, Paul Baker or Doug Jensen of the Minerals Staff. If you wish to arrange a meeting to discuss this review, please contact us at your earliest convenience. Thank you for your cooperation in completing this permitting action.

Sincerely,

Susan M. White
Mining Program Coordinator
Minerals Regulatory Program

SMW:pbb:pb

cc: Buzz Rakow, Hanksville BLM

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SECOND REVIEW OF NOTICE OF INTENTION TO COMMENCE LARGE MINING OPERATIONS

**Star Stone.
Torrey Quarry**

**M/055/016
January 20, 2006**

R647-4-105 - Maps, Drawings & Photographs

- 105.2 Surface facilities map
Map 4-B indicates the only area to be ripped during reclamation will be a strip in the center of the disturbance.
The entire site should be ripped after the soils have been replaced. Areas should be ripped a minimum of 18" to 24" to remove compaction. (DJ)
- 105.3 Drawings or Cross Sections (slopes, roads, pads, etc.)
Map #4-A Reclamation Treatment show a backfill area within the ephemeral drainage. A drainage needs to shown on this map. On Map #3, the active mining operation is shown as being contained within the ephemeral drainage. This map needs to show treatments to be located in this drainage upstream from the active mine area (see comment under 106.9 below). (TM)

R647-4-106 - Operation Plan

- 106.6 Plan for protecting & redepositing soils
The plan states that areas will be ripped to 18 inches or to bedrock or roughened with an excavator.
Roughening with an excavator will not remove compaction. The reclaimed areas should be ripped with a dozer or pock marked with a trackhoe. (DJ)
- 106.7 Existing vegetation - species and amount
Please reinstate the list of species expected to be in the area. The previous version of the plan included a list of 10 species expected to be in the area, but these have been deleted in the most recent submittal. Instead, the plan now simply says the canopy coverage is about 10 percent and includes pinyons, junipers, and understory vegetation. Although the list of species expected to be in the area is not site-specific, it is still useful. (PBB)

R647-4-107 - Operation Practices

- 107.2 Drainages to minimize damage
Please describe what measures will be taken to avoid or minimize environmental damage to the ephemeral drainage. (TM)
- 107.3 Erosion control & sediment control
The treatment of the ephemeral drainage will require a sediment basin or something similar to reduce contamination of runoff from undisturbed areas. (TM)

R647-4-110 - Reclamation Plan

- 110.2 Roads, highwalls, slopes, drainages, pits, etc., reclaimed
No reclamation plans have been incorporated into the plan to protect the ephemeral drainage during reclamation. Please provide these reclamation plans. (TM)

The plan states that 14" of overburden and waste material will be used to partially backfill the quarry pit.

In order to calculate the surety for this quarry, the areas where 14" of backfill need to be shown. (DJ)

R647-4-111 - Reclamation Practices

- 111.2 Reclamation of natural channels
The natural ephemeral channel needs to be incorporated into the reclamation plan. (TM)

R647-4-113 - Surety

The plan says a reclamation surety estimate was attached to the submittal.

There was no surety estimate attached to the permit application. Please furnish this estimate for the Division's review. (DJ)

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

LON THOMAS
STAR STONE QUARRIES INC
4040 S 300 W
SALT LAKE CITY UT 84107

2. Article Number

(Transfer from service label)

7002 0510 0003 8603 2496

COMPLETE THIS SECTION ON DELIVERY

A. Signature

x *Katie Lund*

☐ Agent

☐ Addressee

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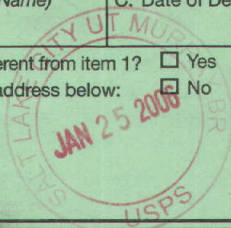
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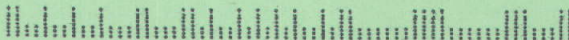
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PB m/055/016 1/23/06



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4th Review of No1

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SLC, UT. 84107

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